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MAPS

ILLUSTRATING THE

ISTHMUS OF TEHUANTEPEC.

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Entered according to Act of Congress, in the year 1852, by B. Fallon, Secretary of the Tehuantepec Railroad Company of New Orleans, in the Clerk's Office of the District Court for the Eastern District of Louisiana.

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MAP
of the
ISTHMUS OF TEHUANTEPEC
embracing all the Surveys
of the
ENGINEERING & HYDROGRAPHIC PARTIES
AND
SHEWING THE PROPOSED ROUTE OF THE
TEHUANTEPEC RAIL ROAD
Surveyed under the direction of
Maj. J. G. Barnard U. S. Engrs.
CHIEF ENGINEER

Entered according to Act of Congress in the year 1851 by J. G. Barnard in the Clerks Office of the District Court for the Eastern District of Louisiana.

1851.

Drawn by Chas C. Smith.

MAGNETIC VARIATION 8 DEGREES EAST.

Scale 215.00 Ft pr Inch.

Scale of Statute miles.

LITH. OF SARONY & MAJOR, NEW YORK.

Lines Surveyed ———
" Proposed – – – –

A Pass of Chivela
B " Masahua
C " W.P. Parada
D " E.P. Parada
E " Tarifa
F " Convento

GULF OF MEXICO
PACIFIC OCEAN
ATLANTIC PLAINS
PACIFIC PLAIN
ISLAND OF TACAMICHAPA
UPPER LAGOON
LOWER LAGOON
TILEMA LAGOON
Plains of Lochiapa
Chivela Plains
Tarifa Plains
Profile of the Rail Road route from Minatitlan to La Ventosa.

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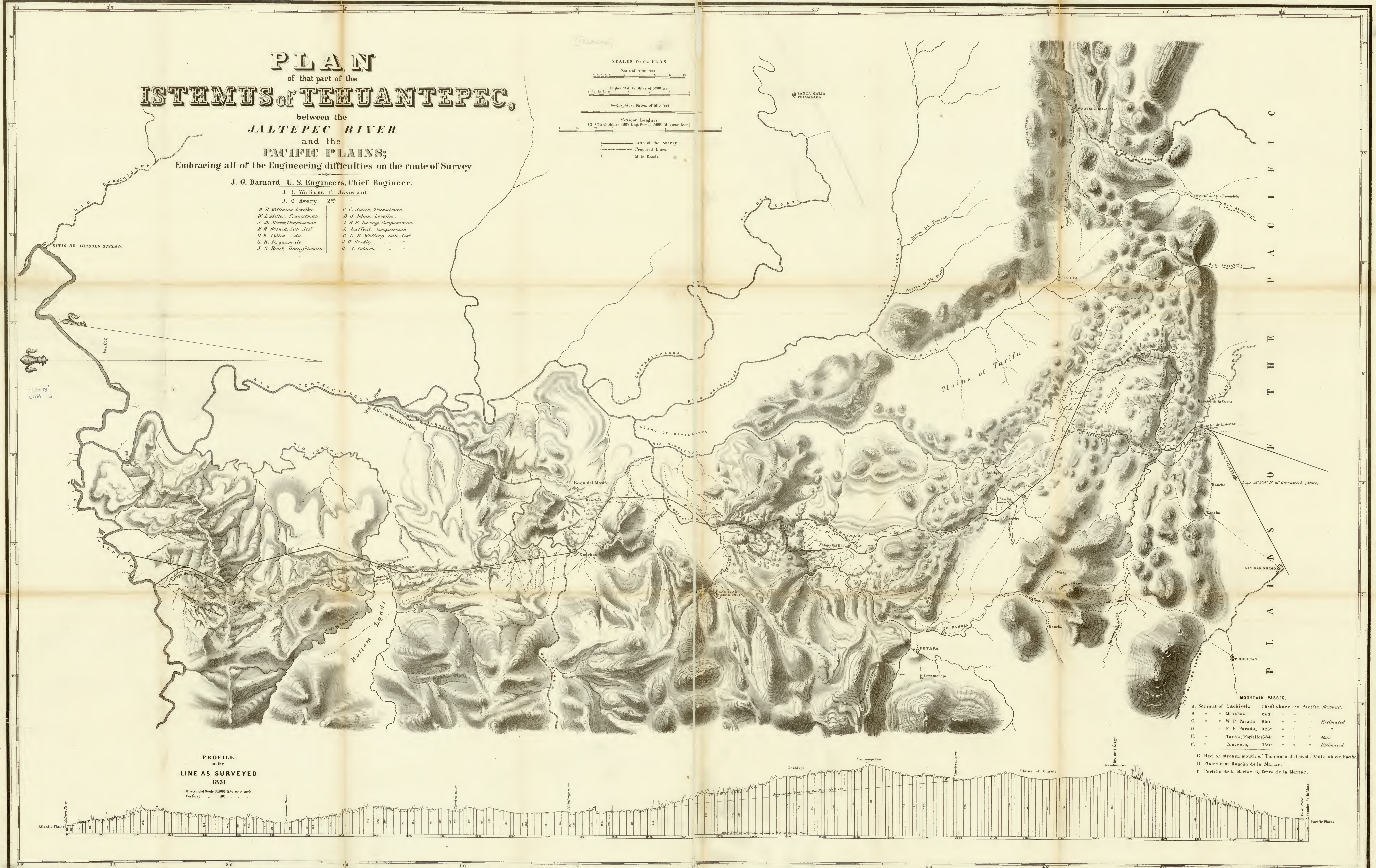

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MOUTH

OF THE

COATZACOALCOS RIVER

SURVEYED JAN. 1848

by order of Com. M.C. Perry.

BY

Wm. Leigh	1st Lieut. U.S.M.	Officers
E. L. Nichols	4th Master	of the
C. D. Bradbury	Master's Mate	M. S. Brig Standish

High Water observed at full Moon, Jan. 20th 1848. 4 h. 30 m P.M. Extreme rise and fall, 3 feet.

Note. The soundings on this Chart are expressed in feet, and are reduced for Low Water, Spring Tides. The scale of this Chart would not admit of the 2 feet being expressed, so that the 2 feet which appear on the bar should be considered as 12 feet.

The Tides are very irregular except at the time of Full and Change of the Moon. At other times I have known them effect to remain for a week or more at half tide, so that except when the Moon is near the Full or Change, 13 or 14 feet may be expected on the bar with a [illegible] of certainty.

Excellent water may be obtained at all seasons of the year at either of the rivulets on the eastern bank of the river; that marked "Watering Place" is the most abundant, but it is rather difficult of access from the shallowness of the water; the others have rather more water in front of them. Water may also be had from the rivulet on the western bank, but not of so good a quality. — Wm. Leigh.

Latitude 18. 8. North.

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Eagle Sherman & Smith N.Y.

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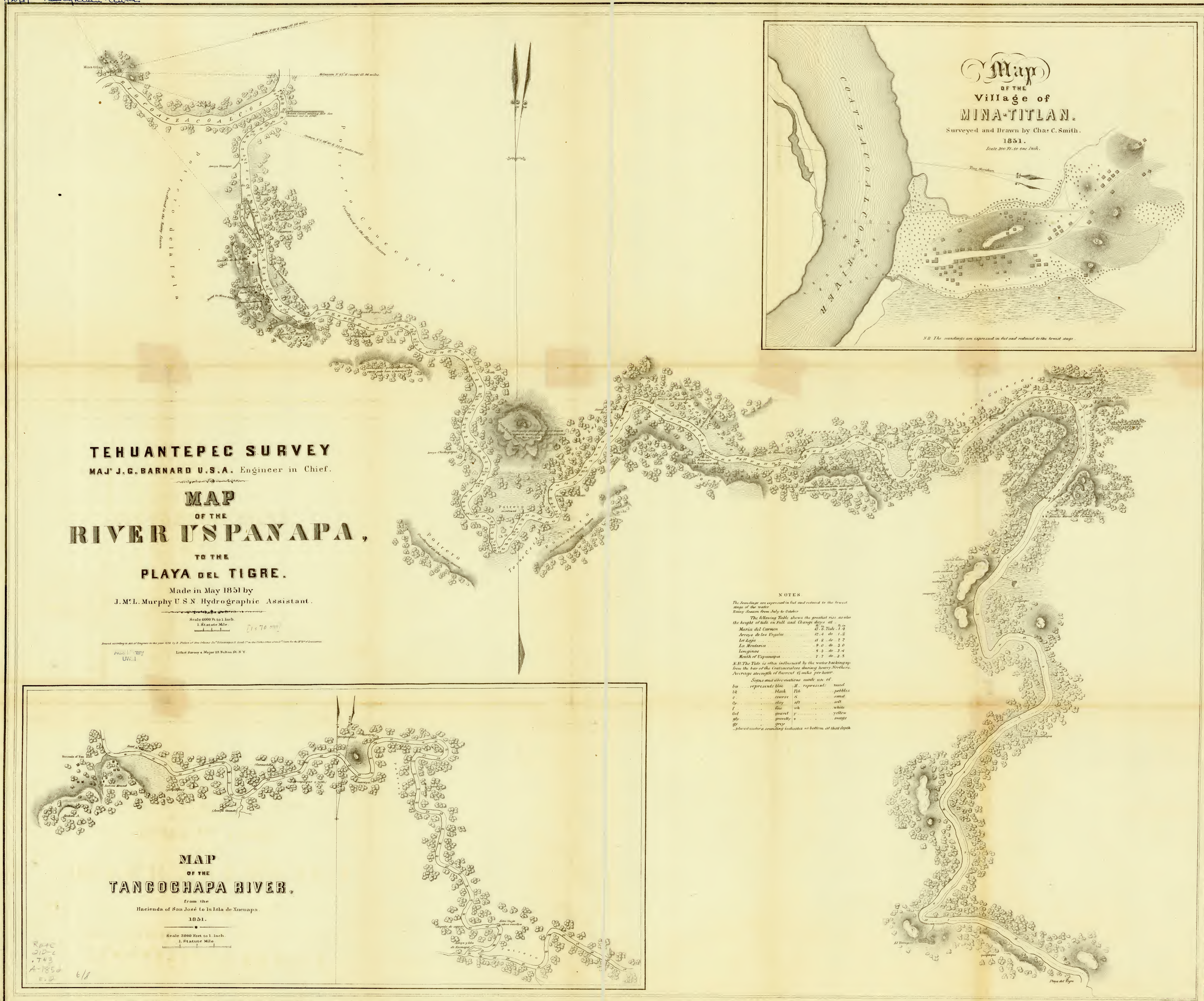

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Map #6

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210-C
A 1850
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Tehuantepec

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CHART

OF THE ENTRANCE AND CHANNEL

OF THE BOCA-BARRA

According to the survey made in November 1850

FOR THE TEHUANTEPEC RAIL ROAD COMPANY OF NEW ORLEANS.

BY THEIR ENGINEER P. E. TRASTOUR.

L O W E R L A K E

Shed for Shelter

MOVEABLE SAND

Potable Water

ISTHMUS OF TEHUANTEPEC

TEHUANTEPEC

Tehuantepec

Mudstripes

UPPER LAKE

LOWER LAKE

TILEMA LAKE

Mudstripes

St. Marks

St. Marks

St. Ronsdale Mar

Boca Barra

PACIFIC OCEAN

Salina del Marquez

Salina Cruz

La Ventosa

North Magnetic Var. 5° 45' E

P A C I F I C O C E A N

BOCA-BARRA

Micaceous, fine sand

The Current from the Boca Barra out to Sea was at the rate of 7½ Miles an hour on the 20th November at 11 O'clck 45 minutes.

Buoy placed by us at 2500 feet outside of the Boca-Barra.

The Soundings in this chart are expressed in feet and are reduced for low water, november.

SCALE OF FEET.

500 1000 2000 3000 Feet.

Entered according to Act of Congress in the year 1852, by E. Fellen, Sec'y of the Tehuantepec Rail Road Company of New Orleans, in the Clerk's Office of the District Court of the Eastern District of Louisiana.

LITH. OF ENDICOTT & C.M.Y.